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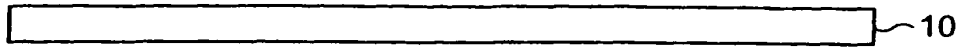


FIG. 1a

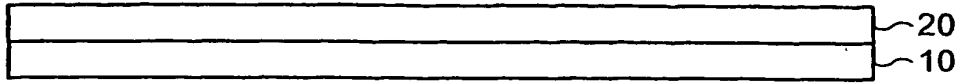


FIG. 1b

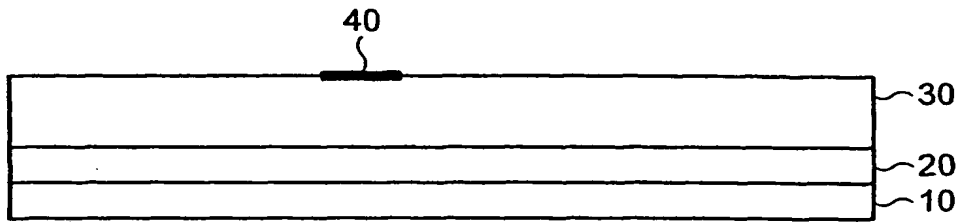


FIG. 1c

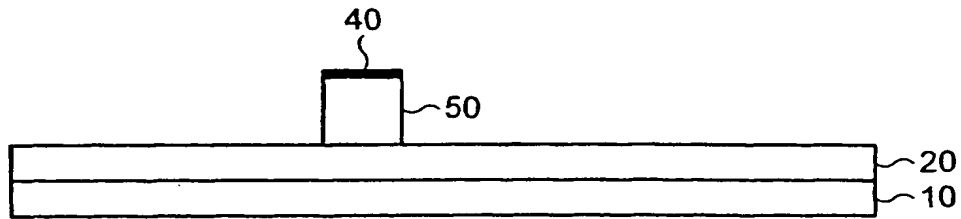


FIG. 1d

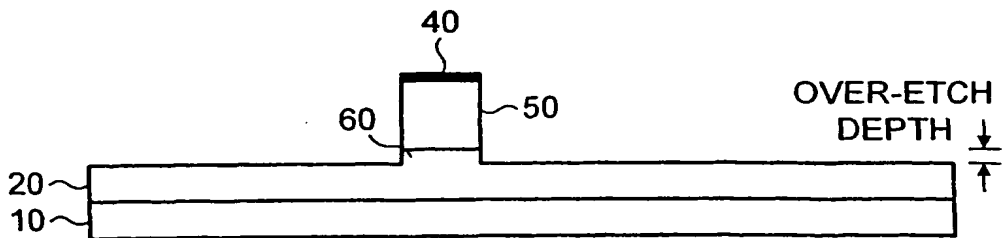


FIG. 1e

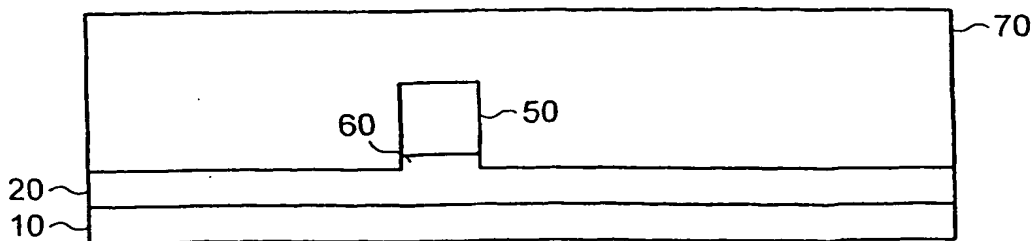


FIG. 1f

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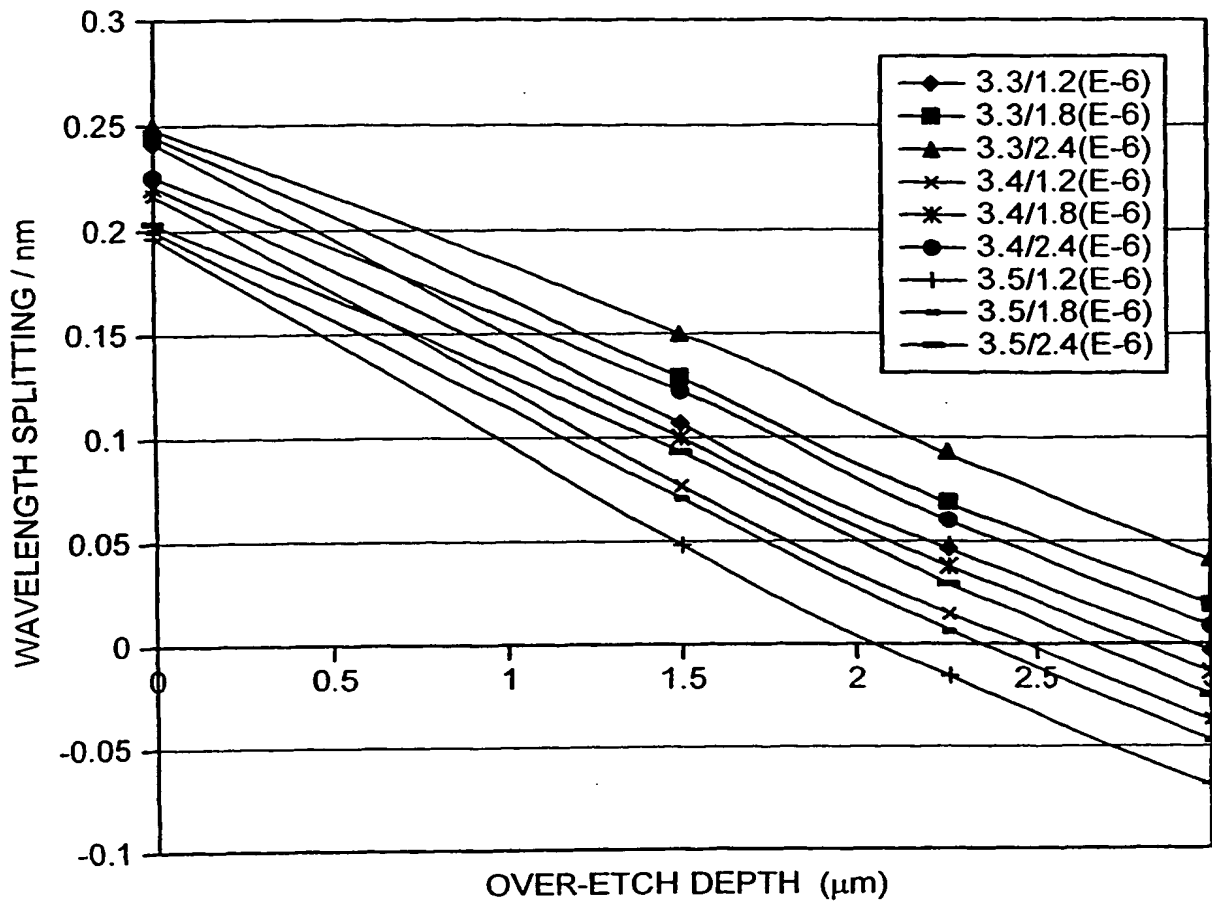


FIG. 2

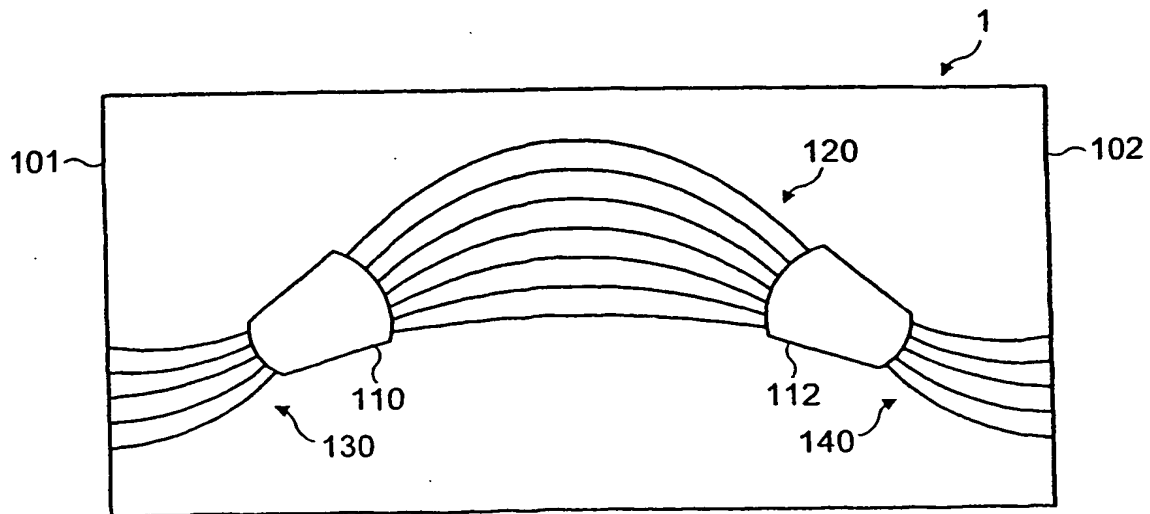


FIG. 4

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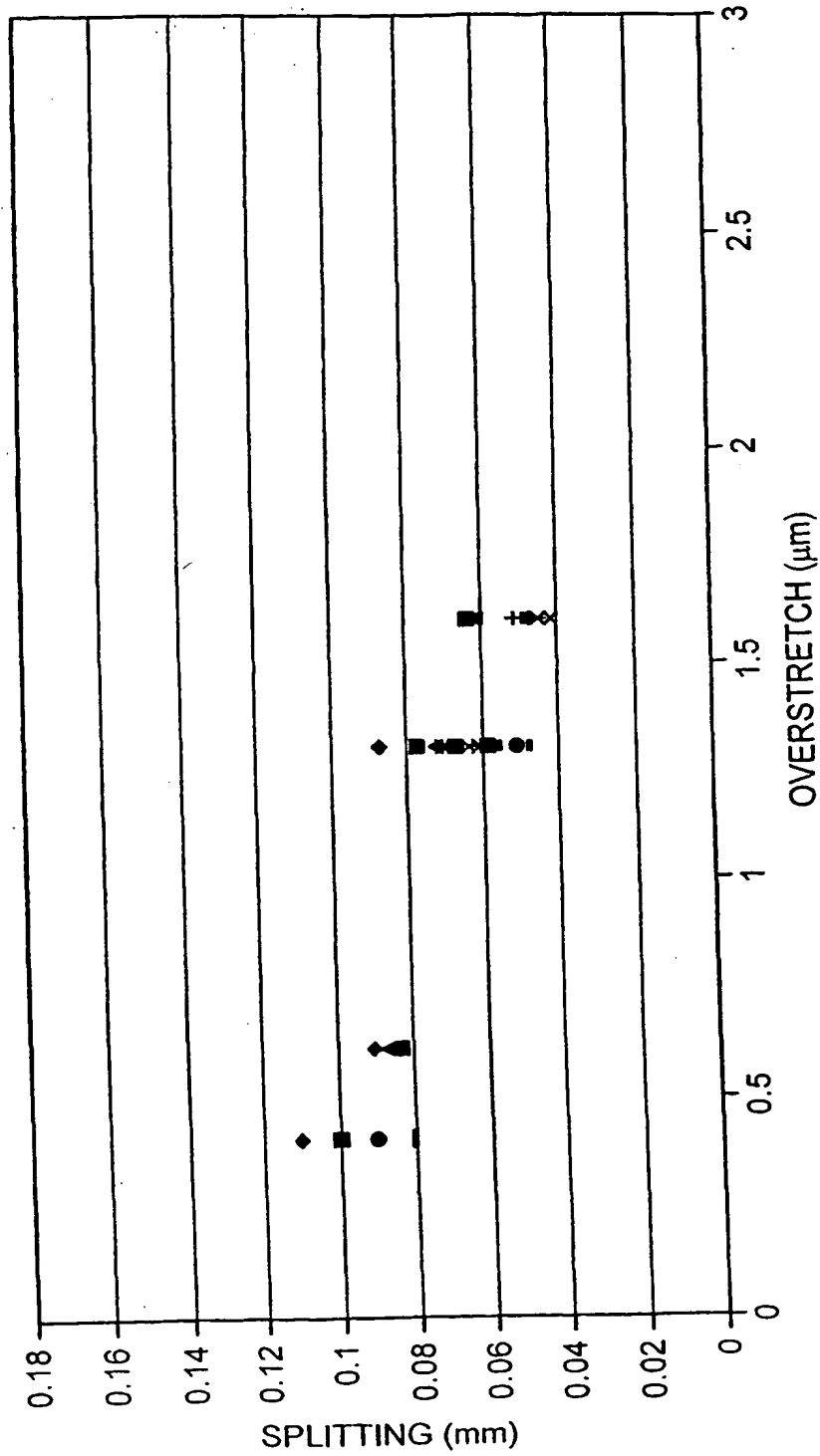


FIG. 3

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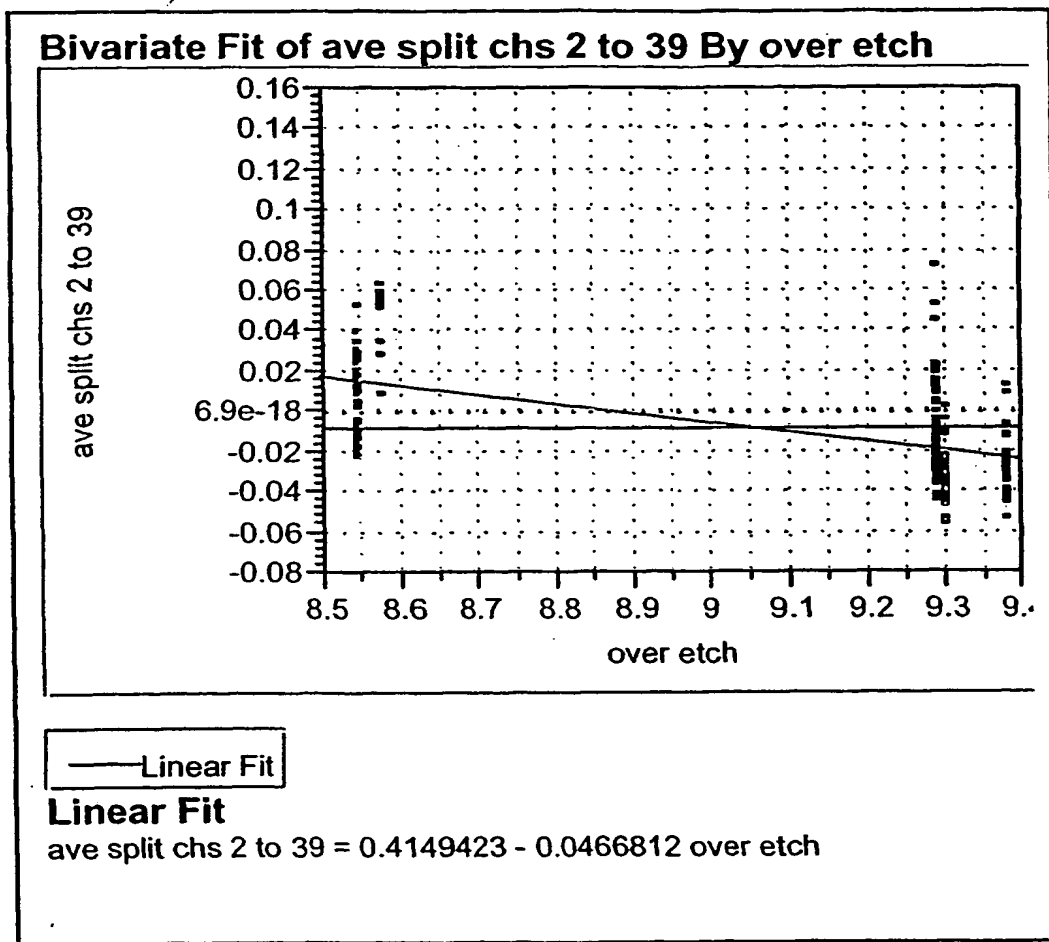


FIG. 5

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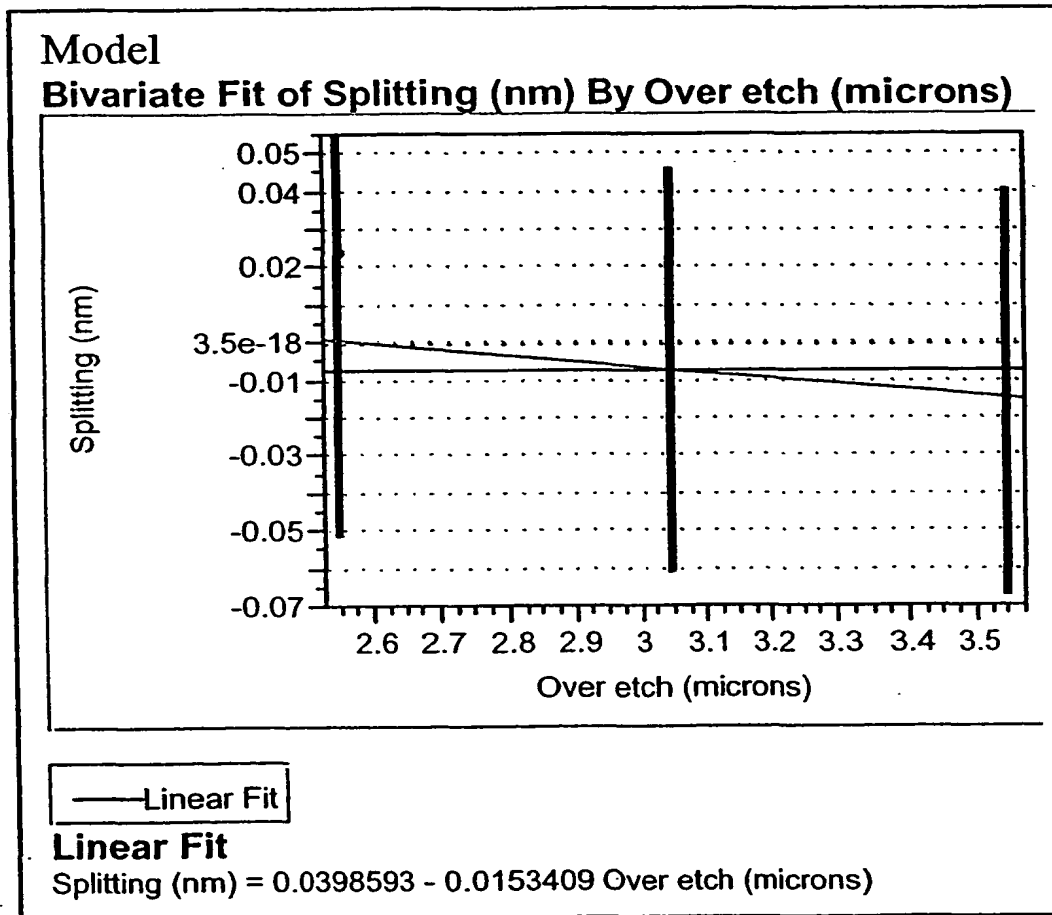


FIG. 6

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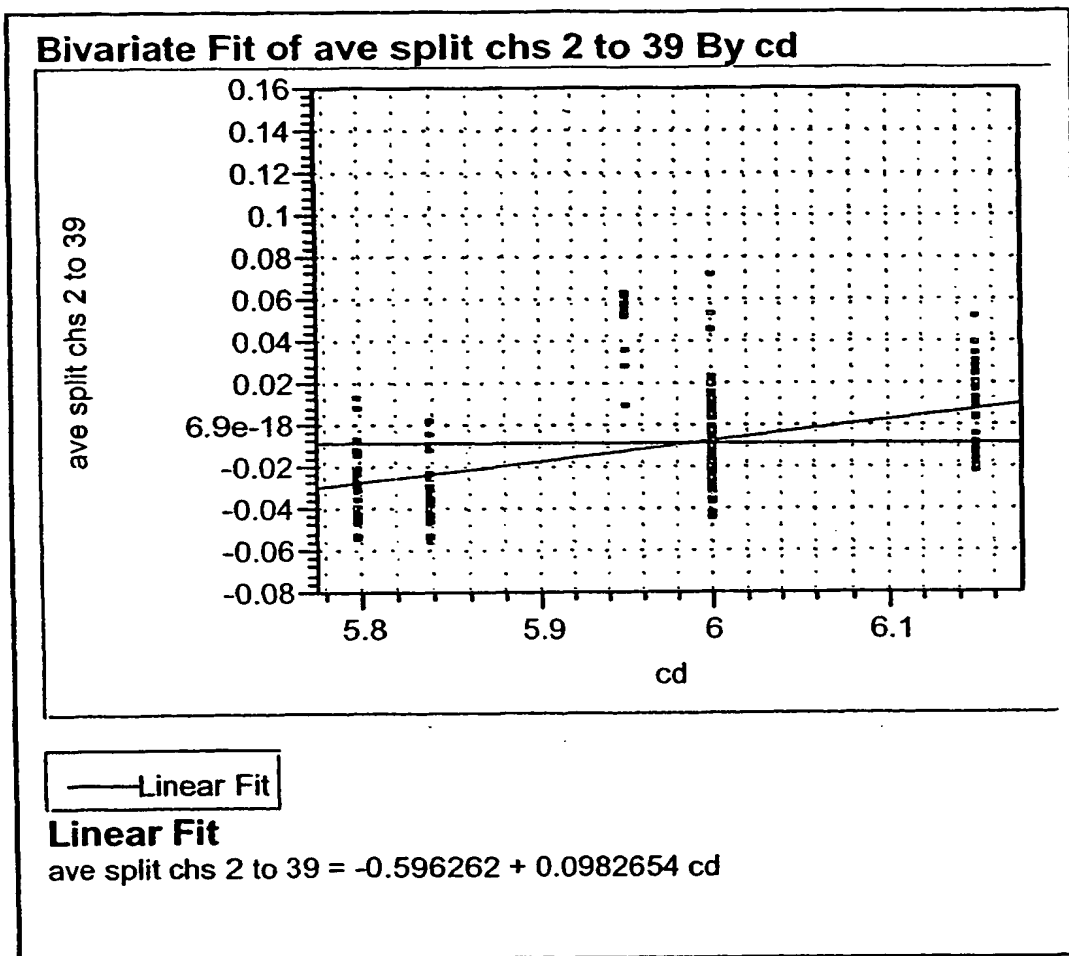
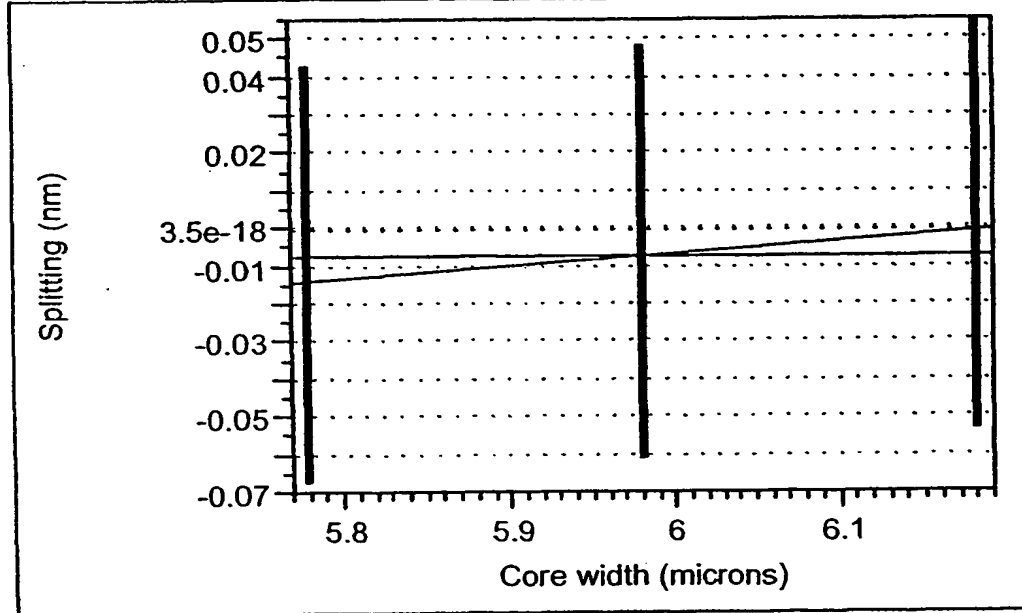


FIG. 7

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Model

Bivariate Fit of Splitting (nm) By Core width (microns)



Linear Fit

$$\text{Splitting (nm)} = -0.201587 + 0.0325513 \text{ Core width (microns)}$$

FIG. 8

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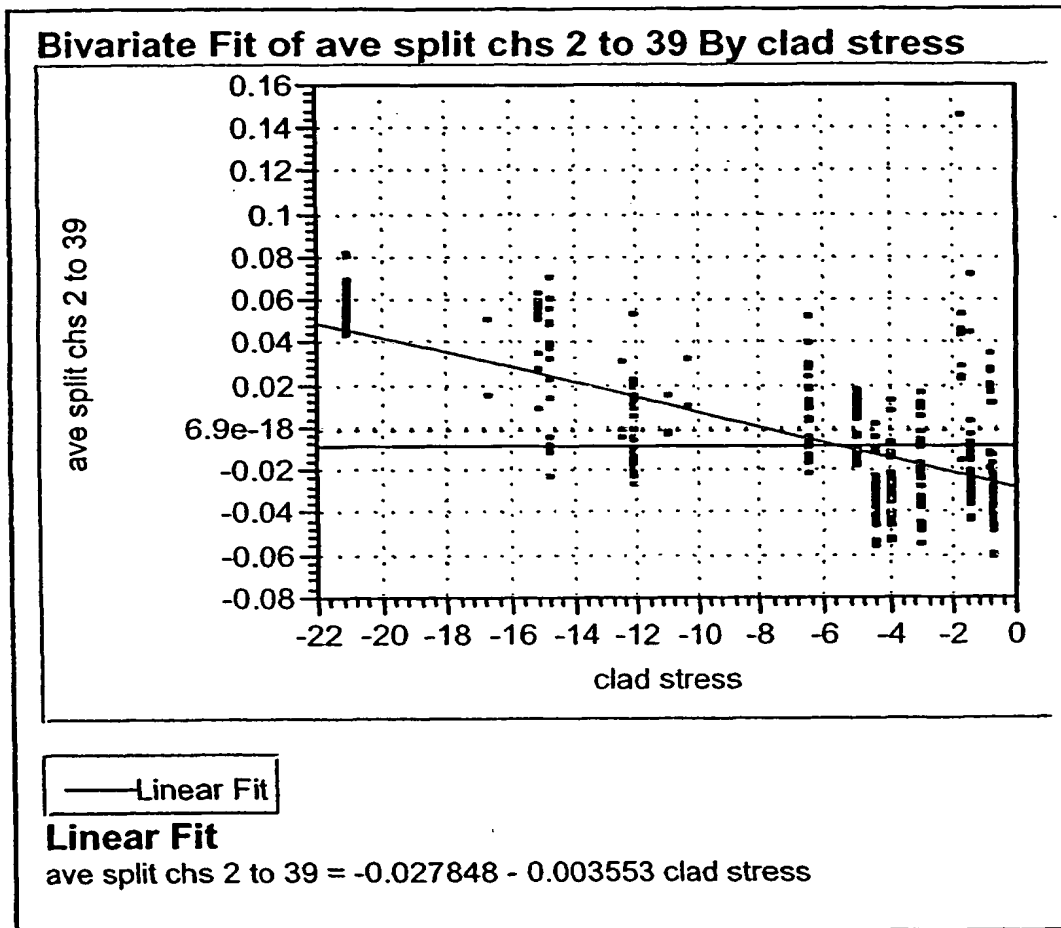


FIG. 9

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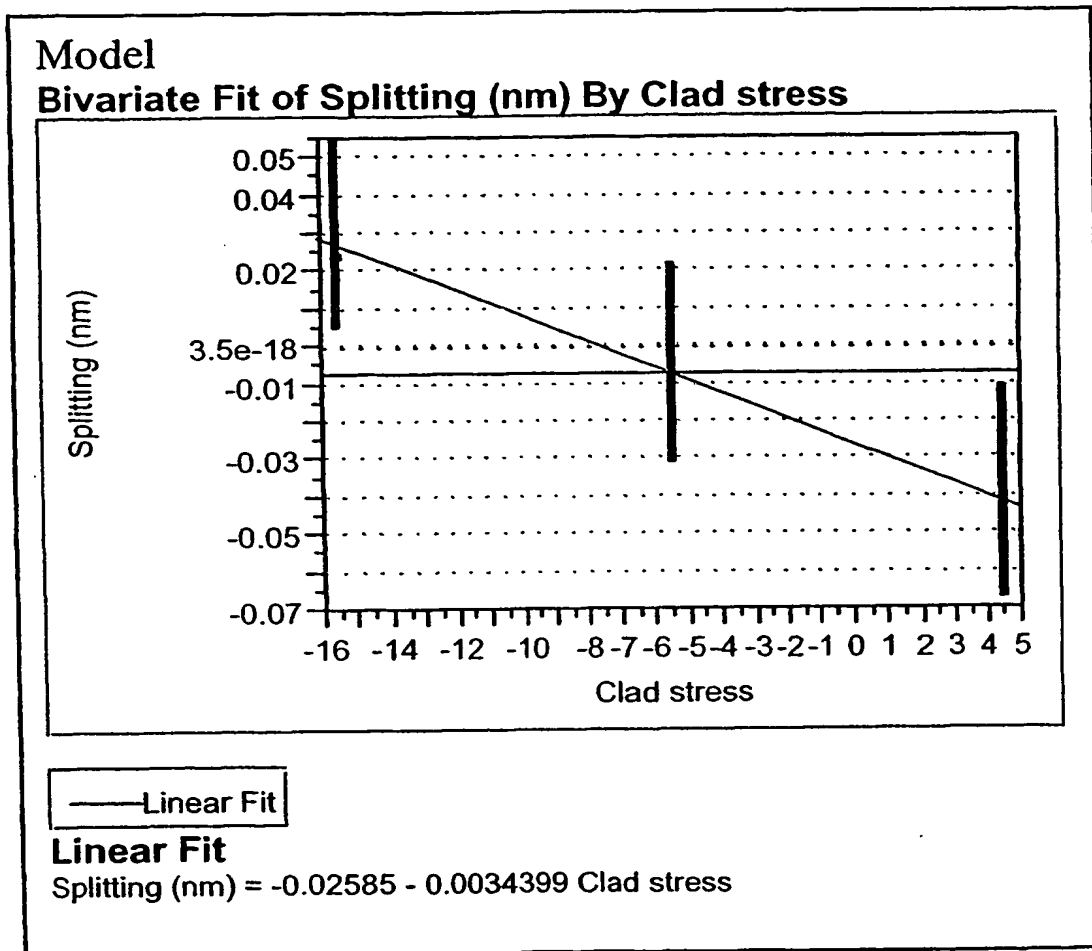


FIG. 10

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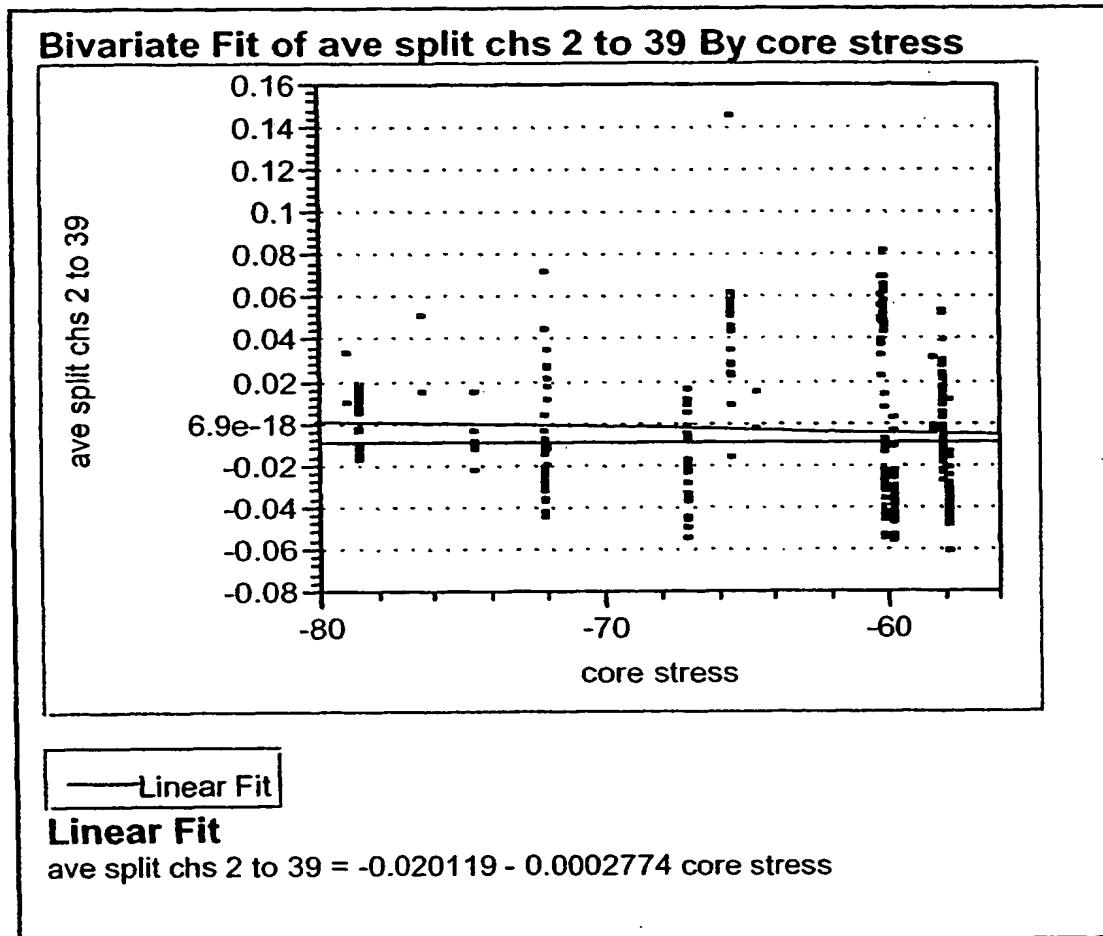


FIG. 11

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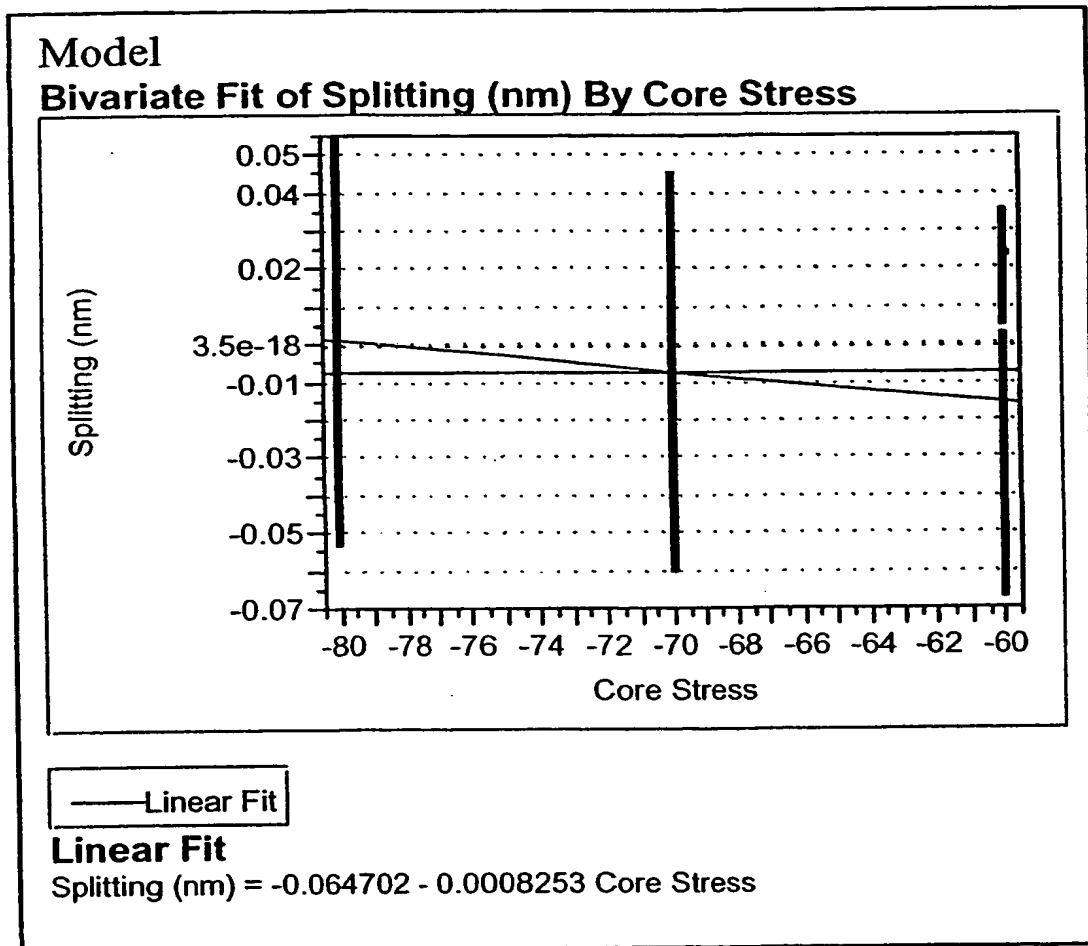


FIG. 12

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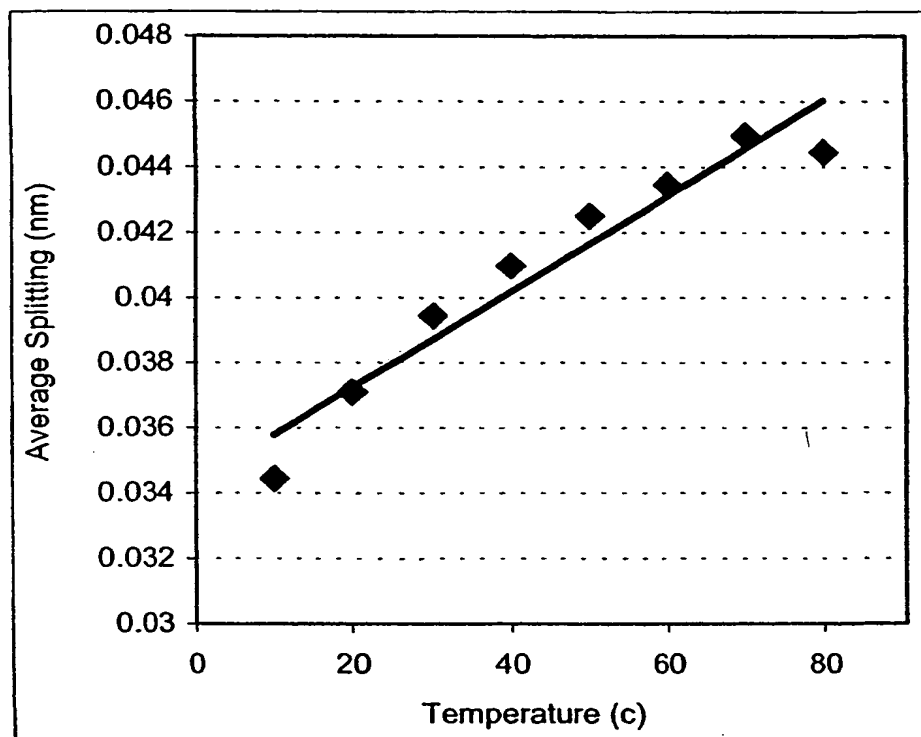


FIG. 13

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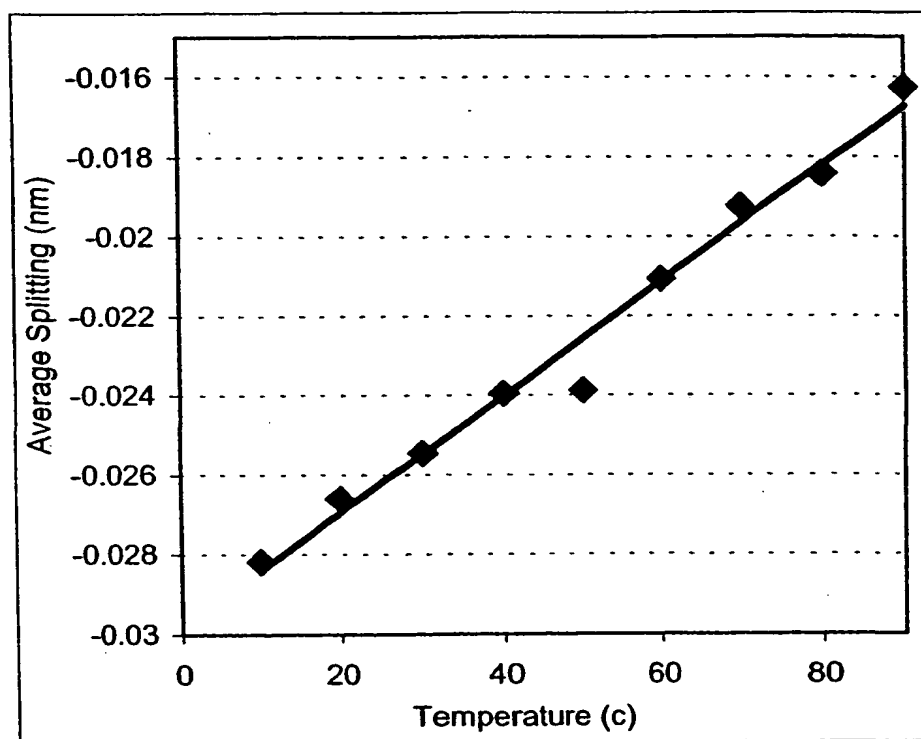


FIG. 14

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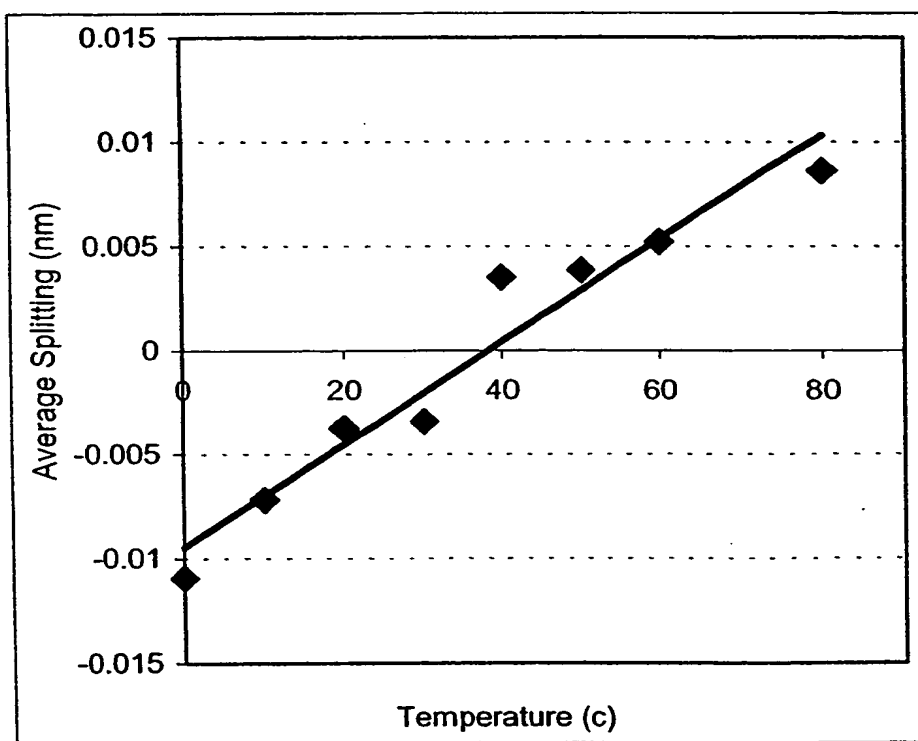


FIG. 15